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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

30 Listing of Claims:

1. (currently amended) A method for interleaving print jobs comprising:

receiving a plurality of original print jobs at a non-printer computing device;

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breaking down at least one of said original print jobs into a plurality of smaller sub-jobs with said non-printer computing device;

tagging said plurality of smaller sub-jobs with an output mode code wherein said output mode code is the same for all said smaller sub-jobs originating from the same original print job;

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interleaving said smaller sub-jobs and any remaining original print jobs in an alternating sequence of print jobs with said non-printer computing device; and

sending said <u>alternating sequence of print jobs</u> to a printer in said sequence.

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- 2. (previously amended) The method of claim 1 wherein said nonprinter computing device is a client computing device.
- (previously amended) The method of claim 1 wherein said nonprinter computing device is a network print server.
- 4. (cancelled)

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- 5. (previously amended) The method of claim 1 wherein said breaking down is performed by a software print system component in an operating system print server.
- 6. (cancelled)
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- 7. (previously amended) The method of claim 5 wherein said print system component is independent of an operating system print driver.
- (previously amended) The method of claim 5 wherein said print system component is a network print spooler that is independent of a printer.
- 9. (previously amended) The method of claim 5 wherein said print system component is a network print driver.
- 10. (original) The method of claim 1 wherein said breaking down results in sub-jobs of approximately equal size.
- 11. (original) The method of claim 1 wherein said breaking down results in sub-jobs of approximately equal printing time.
- 12. (original) The method of claim 1 wherein said alternating sequence places sub-jobs originating from smaller original print jobs toward the front of the print order.
 - 13. (currently amended) A method for interleaving print jobs, said method comprising:
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receiving a plurality of original print jobs at a non-printer, print system component before said jobs arrive at a printer;

breaking down at least one of said original print jobs into a plurality of smaller sub-jobs with said print system component;

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tagging said plurality of smaller sub-jobs with an output mode code is the same for all said smaller sub-jobs originating from the same original print job;

interleaving said <u>smaller</u> sub-jobs <u>and any remaining original</u> <u>print jobs</u> in an alternating sequence <u>of print jobs</u> with said print system component; and

sending said <u>alternating sequence of print jobs sub-jobs</u> to a printer in said sequence.

14. (currently amended) A method for reducing delay of smaller print jobs in a print queue, said method comprising:

receiving a plurality of original print jobs at a print system component before said print jobs arrive at a printer, said plurality of original print jobs comprising at least one larger print job and at least one smaller print job;

breaking down said larger original print job into smaller subjobs;

tagging said smaller sub-jobs with an output mode code;

interleaving said sub-jobs with said smaller original print job in an alternating sequence; and

sending said sub-jobs and said smaller original print job to a printer in said sequence.

15. (original) The method of claim 14 further comprising breaking down said smaller original print job into smaller sub-jobs and wherein said interleaving comprises interleaving said smaller sub-jobs from said larger print job with said smaller sub-jobs from said smaller print job.

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16. (currently amended) A system for interleaving print jobs before said 100 print jobs arrive at a printer, said system comprising: a receiver for receiving a plurality of original print jobs, before said print jobs arrive at a printer; a partitioner for breaking down at least one of said original print jobs into a plurality of smaller sub-jobs; 105 a tagger for tagging said plurality of smaller sub-jobs with an output mode code wherein said output mode code is the same for all said smaller sub-jobs originating from the same original print job: an interleaver for interleaving said smaller sub-jobs and any remaining original print jobs in an alternating sequence of print jobs: and 110 a sender for sending said alternating sequence of print jobs sub-jobs to a printer. 17. (currently amended) A computer readable medium comprising instructions for performing functions within a non-printer, print system component, said instructions comprising the acts of: 115 receiving a plurality of original print jobs at a print system component before said print jobs arrive at a printer; breaking down at least one of said original print jobs into a plurality of smaller sub-jobs; tagging said plurality of smaller sub-jobs with an output mode 120 code wherein said output mode code is the same for all said smaller

interleaving said <u>smaller</u> sub-jobs <u>with any remaining original</u> <u>print jobs</u> in an alternating sequence <u>of print jobs</u>; and

sub-jobs originating from the same original print job;

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sending said <u>alternating sequence of print jobs</u> to a printer in said sequence.

18. (currently amended) A computer data signal embodied in an electronic transmission, said signal having the function of interleaving print jobs, said signal comprising instructions for a non-printer, print system component to perform the acts of:

receiving a plurality of original print jobs at a print system component before said print jobs arrive at a printer;

breaking down at least one of said original print jobs into a plurality of smaller sub-jobs;

tagging said pluarility of smaller sub-jobs with an output mode code wherein said output mode code is the same for all said smaller sub-jobs originating from the same original print job;

interleaving said smaller sub-jobs and any remaining original print jobs in an alternating sequence of print jobs; and

sending said <u>alternating sequence of print jobs</u> sub jobs to a printer in said sequence.